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IDS FORM INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/805,618
				Filing Date	March 18, 2004
				First Named Inventor	Tooru HISHIYAMA et al
				Group Art Unit	3725
				Examiner Name	FRANCIS, FAYE
Sheet	1	of	1	Attorney Docket Number	04149/LH

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U.S. PATENT DOCUMENTS

Exam. Inits [*]	Cite No [*]	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
/FF/		5,765,765	A	TAMURA et al	06-16-1998	

FOREIGN PATENT DOCUMENTS

Exam Inits [*]	Cite No [*]	Off ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
/FF/		JP	8-047651	A	KOMATSU LTD.	02-20-1996		
/FF/		JP	2002-219379	A	HITACHI CONSTRUCTION MACHINERY CO., LTD.	08-06-2002		x

x Includes a full English translation and a commercially-available English Abstract.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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DATE MAILED: June 28, 2007

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				Filing Date	March 18, 2004
				First Named Inventor	Tooru HISHIYAMA
				Group Art Unit	3725
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U.S. PATENT DOCUMENTS								
Exam. Inits [*]	Cite No. ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion		
/FF/		4,635,858		WELCH et al	01-13-1987			
/FF/		5,653,393	A	TANAKA et al	08-05-1997			
/FF/		6,182,914	B1	CARLE	02-06-2001			
FOREIGN PATENT DOCUMENTS								
Exam Inits [*]	Cite No. ¹	Office ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
Examiner Signature	/Faye Francis/				Date Considered	09/07/2007		

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⁶ Mark here if English translation is attached.

DATE MAILED: May 21, 2007

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number		10/805,618		
				Filing Date		March 18, 2004		
				First Named Inventor		Tooru HISHIYAMA		
				Group Art Unit		3725		
				Examiner Name		Faye Francis		
Sheet	1	of	1	Attorney Docket Number		04149/LH		
U.S. PATENT DOCUMENTS								
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FOREIGN PATENT DOCUMENTS								
Exam Inits	Cite No ¹	Office	Document Number ⁴	Kind Code	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
/FF/		JP	11-033424	A	HITACHI CONSTR MACH CO. LTD	02-09-1999		*
↓		JP	2001-070810	A	KOMATSU LTD.	03-21-2001		*
		JP	04-269153	A	HITACHI SEIKI CO. LTD.	09-25-1992		*
		JP	2000-070752	A	KURIMOTO LTD.	03-07-2000		*
		JP	2000-325823	A	HITACHI CONSTR MACH CO. LTD.	11-28-2000		*
			*English Language Abstract and Translation Attached					
Examiner Signature		/Faye Francis/				Date Considered	09/07/2007	

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DATE MAILED: **August 28, 2007**

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/805,618	RECEIVED CENTRAL FAX CENTER JUL 19 2007
				Filing Date	March 18, 2004	
				First Named Inventor	Tooru HISHIYAMA	
				Group Art Unit	3725	
				Examiner Name	Faye Francis	
Sheet	1	of	1	Attorney Docket Number	04149/LH	
NON PATENT LITERATURE DOCUMENTS						
Exam Init's	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ⁶
/FF/		English translation of Japanese Office Action dated June 20, 2007 issued in a counterpart Japanese application No 2003-302400, 2 pages.				
Examiner Signature	/Faye Francis/				Date Considered	09/07/2007

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